

Converting Colors

XYZ(65.6556, 68.3648, 74.1114)

Have a look what the booklet for
XYZ(65.6556, 68.3648, 74.1114)
contains.

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Color

**XYZ(65.7796, 68.5672,
74.0578)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD7D7
RGB	219, 215, 215
RGB Percent	86%, 84%, 84%
CMY	0.1412, 0.1568, 0.1569
CMYK	0.00, 0.02, 0.02, 0.14
HSL	0°, 5%, 85%
HSV	0°, 2%, 86%
XYZ	65.7796, 68.5672, 74.0578
YIQ	216.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

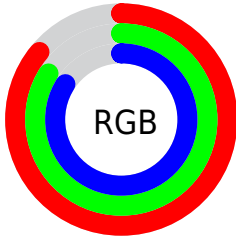
Format	Color
R _Y B	219, 215, 215
Decimal	14407639
CIE Lab	86.29, 1.37, 0.47
CIE LCh	86, 1.448, 19.106
Yxy	68.5672, 0.3156, 0.3290
Android (android.graphics.Color)	4292597719 (0xFFD7D7D7)
YUV	216.1960, -0.5896, 2.4591
Hunter-Lab	82.8053, -3.1109, 4.9371

Details

The XYZ color **65.7796, 68.5672, 74.0578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1421, 70.2238, 77.0873**, and the grayscale version is **65.4082, 68.8145, 74.9390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2258, 35.5722, 38.3199** is the 20% darker color. If you saturate the color by 10%, you get **57.9484, 57.1102, 58.4805**, and if you desaturate by 10%, it is **74.7366, 81.6710, 91.8705**.

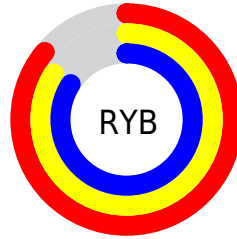
Distribution



Red (86%)

Green (84%)

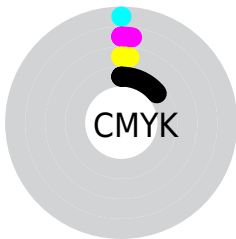
Blue (84%)



Red (86%)

Yellow (84%)

Blue (84%)

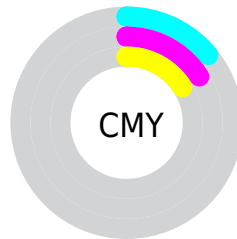


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7796, 68.5672, 74.0578 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 65.7796, 68.5672, 74.0578 by changing the saturation by 10% instead.

■ 65.7796, 68.5672,
74.0578

■ 65.7796, 68.5672,
74.0578

435.0893,
455.5030, 493.8416

■ 48.3606, 50.3593,
54.3443

112.2294,
117.1632, 126.7125

■ 34.3249, 35.6990,
38.4819

141.9909,
148.3201, 160.4908

■ 23.3074, 24.2018,
26.0522

176.5973,
184.5621, 199.7945

■ 14.9426, 15.4834,
16.6366

216.4138,
226.2737, 245.0420

■ 8.8652, 9.1593,
9.8165

261.8060,
273.8392, 296.6519

■ 4.7097, 4.8453,
5.1735

313.1390,

■ 2.1110, 2.1568,

327.6429, 355.0428

2.2889

370.7783,
388.0694, 420.6332

■ 0.6952, 0.6963,
0.7250

■ 0.0000, 0.0000,
0.0000

■ 65.7796, 68.5672,
74.0578

■ 65.7796, 68.5672,
74.0578

■ 57.9484, 57.1102,
58.4805

■ 74.7366, 81.6710,
91.8705

■ 51.1929, 47.2266,
45.0462

■ 83.0239, 93.8003,
108.3372

■ 45.4679, 38.8502,
33.6624

■ 40.7229, 31.9072,
24.2283

■ 36.9028, 26.3172,
16.6347

■ 33.9474, 21.9920,
10.7614

■ 31.7893, 18.8331,
6.4741

■ 30.3510, 16.7272,
3.6187

■ 29.5399, 15.5389,
2.0104

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.8035, 68.5672, 75.0061



65.7796, 68.5672, 74.0578



65.5923, 68.5672, 73.2767

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7796, 68.5672, 74.0578



64.6870, 68.5672, 73.4608



65.0498, 68.5672, 76.4782

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.7796, 68.5672, 74.0578



66.1421, 70.2238, 77.0873

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.7517, 68.5672, 76.0566



65.7796, 68.5672, 74.0578



64.5427, 68.5672, 74.3111

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7796, 68.5672, 74.0578



64.9611, 68.5672, 72.9341



64.5663, 68.5672, 75.2615



65.3814, 68.5672, 76.4089

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.7796, 68.5672, 74.0578



65.4003, 68.5672, 72.9534



64.5663, 68.5672, 75.2615



64.9424, 68.5672, 76.3890

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.7815, 68.5702, 74.0593



93.8347, 98.2221, 106.4829



66.3011, 68.7765, 76.7996



20.0973, 21.0423, 22.8172



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7815, 68.5702, 74.0593



92.6356, 96.4678, 104.0980



66.2930, 69.5931, 74.2298



14.3706, 14.9751, 16.1694



17.3239, 8.9333, 0.8112



1.1227, 0.5794, 0.0527

Inverse Universe

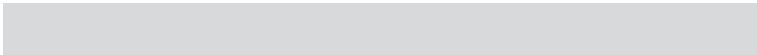
The Inverse Universe completely reimagines the original color for something new.



66.1421, 70.2238, 77.0873



93.1970, 99.0426, 108.8129



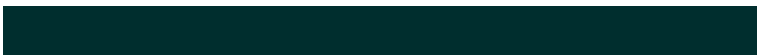
65.6244, 69.1883, 76.9148



14.4520, 15.3484, 16.8530



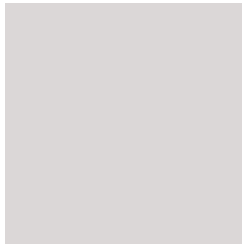
22.5717, 33.0128, 44.9209



1.4626, 2.1394, 2.9103

Previews

White Background



This preview shows how the XYZ color 65.7796, 68.5672, 74.0578 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 65.7796, 68.5672, 74.0578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

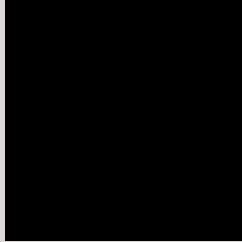
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

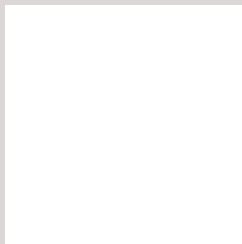
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7796, 68.5672, 74.0578

Background



This preview shows how black text looks on a background with the XYZ color 65.7796, 68.5672, 74.0578.

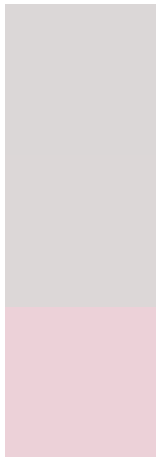


This preview shows how white text looks on a background with the XYZ color 65.7796, 68.5672,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.7796, 68.5672, 74.0578

Protanopia

66.0814, 68.7228, 74.0719

Deuteranopia

69.7872, 68.3917, 74.4885



Tritanopia

67.8960, 68.6738, 84.5398

Trichromacy



Original Color

65.7796, 68.5672, 74.0578

Protanomaly

66.0814, 68.7228, 74.0719

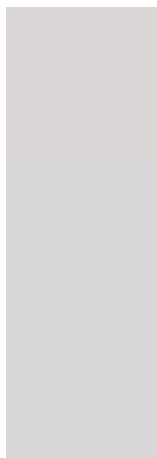
Deuteranomaly

68.3221, 68.3694, 74.5614

Tritanomaly

67.1524, 68.7450, 80.9640

Monochromacy



Original Color

65.7796, 68.5672, 74.0578

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5658, 68.8213, 74.7939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7796, 68.5672, 74.0578 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(219, 215, 215) looks like.

```
.text, #text, p{  
    color:rgb(219, 215, 215)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 65.7796, 68.5672, 74.0578 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 215, 215) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 215, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(219, 215,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7796, 68.5672, 74.0578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 215, 215) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
215, 215) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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